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ABSTRACT

Signals outputted from oscillators (1-1, 1-2,..., 1-n) are in phase with signals as reflected by band elimination filters (3-1, 3-2, ..., 3-n) at elimination

5   frequencies of the band elimination filters (3-1, 3-2, ..., 3-n), while they are in opposite phase with signals leaked from the corresponding band elimination filters (3-1, 3-2, ..., 3-n). In this way, a stable oscillation can be performed with the oscillation frequencies of the oscillators (1-1, 1-2, ..., 1-n) balanced as optimum frequencies between the natural frequencies of the oscillators (1-1,

10   1-2, ..., 1-n) and the elimination frequencies of the band elimination filters (3-1, 3-2, ..., 3-n), while the oscillators (1-1, 1-2, ..., 1-n) can be synchronized with the elimination frequencies being used as reference frequencies.